

12/20/01
J1003 U.S. PTO

12-28-01

PTO/SB/05 (03-07) A

Please type a plus sign (+) inside this box

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.: CM01545L

First Inventor: FENG NIU

Title: REDUCED SIZE, LOW LOSS MEMS TORSIONAL HINGES AND MEMS RESONATORS EMPLOYING SUCH HINGES

Express Mail Label No.: EL 793075507 US

APPLICATION ELEMENTS

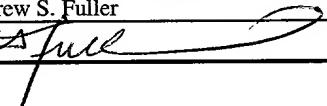
See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form in duplicate
(Submit an original and a duplicate for fee processing)
2. Applicant claims small entity status
See 37 CFR 1.27
3. Specification [Total Pages 32]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R&D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (*if filed*)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Sheets 9]
5. Oath or Declaration [Total Pages 3]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/ divisional with Box 18 completed)
 - i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, ee 37 CFR 1.63(d)(2) and 1.33(b).
6. Application Data Sheet under 37 CFR 1.76

18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in- Part (CIP) of Prior Appl. No. _____
Prior Appl. information: Examiner: _____ Group/Art Unit: _____

19. CORRESPONDENCE ADDRESS

| | | | | | |
|---|---|-----------|--------------------------------------|------------------------------|----------------|
| <input checked="" type="checkbox"/> Customer Number or Bar Code Label |  | | <input type="checkbox"/> o r | Correspondence address below | |
| Name | | | | | |
| Address | | | | | |
| City | State | Zip Code | | | |
| Country | U.S.A. | Telephone | (954) 723-6449 | Fax | (954) 723-3871 |
| Name | Andrew S. Fuller | | Registration Number (Attorney/Agent) | 37,328 | |
| SIGNATURE |  | | Date | December 20, 2001 | |

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$ 1068.00)

Complete if Known

| | |
|----------------------|----------|
| Application No. | |
| Filing Date | |
| First Named Inventor | FENG NIU |
| Examiner Name | |
| Group Art Unit | |

Attorney Docket No. CM01545L

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other None Deposit Account

Deposit Account Number

50-0757

Deposit Account Name

Motorola, Inc.

The Commissioner is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayment
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee
 to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity | Small Entity | Fee Description | Fee Paid |
|--------------|--------------|-----------------|----------|
| Fee | Fee | Fee | Fee |
| Code | \$ | Code | \$ |
| 101 | 740 | 201 | 370 |
| 106 | 330 | 206 | 165 |
| 107 | 510 | 207 | 255 |
| 108 | 740 | 208 | 370 |
| 114 | 160 | 214 | 80 |
| SUBTOTAL (1) | | (\$ 740) | |

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| Total Claims | 36 | -20* = 16 x 18 | = 288.00 |
| Independent Claims | 3 | -3* = 0 x 84 | = 280 |
| Multiple Dependent | | | |

| Large Entity | Small Entity | Fee Description |
|--------------|--------------|---|
| Fee | Fee | Fee Description |
| Code | \$ | Code \$ |
| 103 | 18 | 203 9 Claims in excess of 20 |
| 102 | 84 | 202 42 Independent claims in excess of 3 |
| 104 | 280 | 204 140 Multiple dependent claim, if not paid |
| 109 | 84 | 209 42 **Reissue independent claims over original patent |
| 110 | 18 | 210 9 **Reissue claims in excess of 20 and over original patent |
| SUBTOTAL (2) | | (\$ 288.00) |

*or number previously paid, if greater. For Reissues, see above

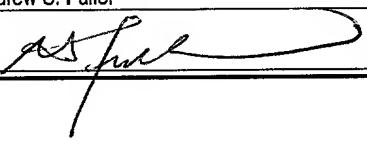
FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity | Small Entity | Fee Description | Fee Paid |
|---------------------|--------------|---|----------|
| Fee | Fee | Fee | Fee |
| Code | \$ | Code | \$ |
| 105 | 130 | 205 65 Surcharge - late filing fee or oath | |
| 127 | 50 | 227 25 Surcharge - late Provisional filing | |
| 139 | 130 | 139 130 Non-English specification | |
| 147 | 2520 | 147 2520 For filing a request for ex parte Reexamination | |
| 112 | 920* | 112 920* Requesting publication of SIR prior to Examiner action | |
| 113 | 1840* | 113 1840* Requesting publication of SIR after Examiner action | |
| 115 | 110 | 215 55 Extension for reply within first month | |
| 116 | 400 | 216 200 Extension for reply within second month | |
| 117 | 920 | 217 460 Extension for reply within third month | |
| 118 | 1440 | 218 720 Extension for reply within fourth month | |
| 128 | 1960 | 228 980 Extension for reply within fifth month | |
| 119 | 320 | 219 160 Notice of Appeal | |
| 120 | 320 | 220 160 Filing a brief in support of an appeal | |
| 121 | 280 | 221 140 Request for oral hearing | |
| 138 | 1510 | 138 1510 Petition to institute a public use proceeding | |
| 140 | 110 | 240 55 Petition to revive - unavoidable | |
| 141 | 1280 | 241 640 Petition to revive - unintentional | |
| 142 | 1280 | 242 640 Utility issue fee (or reissue) | |
| 143 | 460 | 243 230 Design issue fee | |
| 144 | 620 | 244 310 Plant issue fee | |
| 122 | 130 | 123 50 Petitions to the Commissioner | |
| 123 | 50 | 123 50 Processing fee under 37 CFR 1.17(q) | |
| 126 | 180 | 126 180 Submission of IDS | |
| 581 | 40 | 581 40 Recording each patent assignment per property (times number of properties) | 40 |
| 146 | 740 | 246 370 Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 149 | 740 | 249 370 For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 179 | 740 | 279 370 Request for Continued Examination (RCE) | |
| 169 | 900 | 169 900 Request for expedited examination of a design application | |
| Other fee (specify) | | | |

*Reduced by Basic Filing Fee Pd

SUBTOTAL (3) \$ 40

| SUBMITTED BY | | Complete (if applicable) | |
|--------------|---|-----------------------------------|-------------------|
| Name (Print) | Andrew S. Fuller | Registration No. (Attorney/Agent) | 37,328 |
| Signature |  | Telephone: | (954) 723-6449 |
| | | Date | December 20, 2001 |